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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS EXPRESS	FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008		
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

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FILE 'MEDLINE' ENTERED AT 11:15:30 ON 15 APR 2008

=> s universal(a)sirna
L1 1 UNIVERSAL(A) SIRNA

=> d ti so au py

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
TI A universal plasmid library encoding all permutations of small interfering RNA
SO Proceedings of the National Academy of Sciences of the United States of America (2005), 102(7), 2356-2361
CODEN: PNASA6; ISSN: 0027-8424
AU Chen, Meihong; Zhang, Lishu; Zhang, Hong-Yan; Xiong, Xiahui; Wang, Bo; Du, Quan; Lu, Bing; Wahlestedt, Claes; Liang, Zicai
PY 2005

=> d ibib abs kwic

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:196152 CAPLUS
DOCUMENT NUMBER: 142:405079
TITLE: A universal plasmid library encoding all permutations of small interfering RNA
AUTHOR(S): Chen, Meihong; Zhang, Lishu; Zhang, Hong-Yan; Xiong, Xiahui; Wang, Bo; Du, Quan; Lu, Bing; Wahlestedt, Claes; Liang, Zicai
CORPORATE SOURCE: Chinese Human Genome Center North Beijing, Beijing, 100176, Peop. Rep. China
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (2005), 102(7), 2356-2361
CODEN: PNASA6; ISSN: 0027-8424
PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Small interfering RNA (siRNA) is normally designed to silence preselected known genes. Such selections are inevitably prone to bias as a result of limited knowledge about the biol. process, transcript identity, and functions. A library that contains all permutations of siRNA could avoid such problems. In this paper, it is shown that 5×10^7 siRNA-encoding plasmids can be constructed in a single tube by using vectors with two mutated RNA polymerase III promoters arranged in a

convergent manner. Such a library was used to carry out genomewide screening of functional genes in a phenotype-driven manner. Multiple siRNAs that induce a significant increase of cell proliferation speed were identified.

REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT Nucleic acid library
(siRNA; universal plasmid library encoding all
permutations of small interfering RNA)

=> s ley herbert/au
L2 0 LEY HERBERT/AU

=> e ley herbert/au
E1 2 LEY HELMUTH/AU
E2 1 LEY HENRY A/AU
E3 0 --> LEY HERBERT/AU
E4 13 LEY HERBERT L/AU
E5 3 LEY HERBERT L III/AU
E6 4 LEY HERBERT L JR/AU
E7 1 LEY HERBERT LEONARD III/AU
E8 3 LEY HERBERTL/AU
E9 7 LEY HERM/AU
E10 5 LEY HERMANN/AU
E11 1 LEY HIRAM II/AU
E12 1 LEY HUBERT/AU

=> s e4-8
L3 24 ("LEY HERBERT L"/AU OR "LEY HERBERT L III"/AU OR "LEY HERBERT L JR"/AU OR "LEY HERBERT LEONARD III"/AU OR "LEY HERBERTL"/AU)

=> s l3 and (sirna or rnai)
L4 0 L3 AND (SIRNA OR RNAI)

=> e liwen huang/au
E1 2 LIWEN DONG DR/AU
E2 2 LIWEN GUO/AU
E3 0 --> LIWEN HUANG/AU
E4 2 LIWEN I/AU
E5 14 LIWEN IZABELA/AU
E6 1 LIWEN KANG/AU
E7 1 LIWEN L/AU
E8 1 LIWEN LAN/AU
E9 1 LIWEN LANG/AU
E10 1 LIWEN W/AU
E11 2 LIWEN WANG/AU
E12 1 LIWEN Y WANG/AU

=> s universal(a)target
L5 98 UNIVERSAL(A) TARGET

=> s l5 and (antisense or ribozyme or sirna or dsrna)
L6 8 L5 AND (ANTISENSE OR RIBOZYME OR SIRNA OR DSRNA)

=> dup rem l6
PROCESSING COMPLETED FOR L6
L7 5 DUP REM L6 (3 DUPLICATES REMOVED)

=> d ti so au py 1-5

L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

TI Methods and of siRNA in inhibiting gene expression for use in
 cancer therapy
 SO PCT Int. Appl., 79pp.
 CODEN: PIXXD2
 IN Fakhrai, Habib; Fakhrai, Farideh
 PY 2008

L7 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1
 TI Thermodynamic instability of siRNA duplex is a prerequisite for
 dependable prediction of siRNA activities
 SO Nucleic Acids Research (2007), 35(18), e123/1-e123/10
 CODEN: NARHAD; ISSN: 0305-1048
 AU Ichihara, Masatoshi; Murakumo, Yoshiki; Masuda, Akio; Matsuura, Toru;
 Asai, Naoya; Jijiwa, Mayumi; Ishida, Maki; Shinmi, Jun; Yatsuya, Hiroshi;
 Qiao, Shanlou; Takahashi, Masahide; Ohno, Kinji
 PY 2007

L7 ANSWER 3 OF 5 EMBASE COPYRIGHT (c) 2008 Elsevier B.V. All rights
 reserved on STN DUPLICATE 2
 TI Thermodynamic instability of siRNA duplex is a prerequisite for
 dependable prediction of siRNA activities.
 SO Nucleic Acids Research, (Sep 2007) Vol. 35, No. 18. arn. e123.
 Refs: 38
 ISSN: 0305-1048 E-ISSN: 1362-4962 CODEN: NARHAD
 AU Ichihara, Masatoshi; Qiao, Shanlou
 CS Department of Biomedical Sciences, College of Life and Health Sciences,
 Chubu University, 1200 Matsumoto, Kasugai 487-8501, Japan.
 AU Ichihara, Masatoshi; Murakumo, Yoshiki; Asai, Naoya; Jijiwa, Mayumi;
 Ishida, Maki; Takahashi, Masahide
 CS Department of Pathology, Nagoya University Graduate School of Medicine, 65
 Tsurumai, Showa-ku, Nagoya 466-8550, Japan.
 AU Masuda, Akio; Matsuura, Toru; Shinmi, Jun; Ohno, Kinji (correspondence)
 CS Division of Neurogenetics and Bioinformatics, Center for Neurological
 Diseases and Cancer, 65 Tsurumai, Showa-ku, Nagoya 466-8550, Japan.
 ohnok@med.nagoya-u.ac.jp
 AU Yatsuya, Hiroshi
 CS Department of Public Health/Health Information Dynamics, Field of Social
 Life Science, Program in Health and Community Medicine, 65 Tsurumai,
 Showa-ku, Nagoya 466-8550, Japan.
 AU Takahashi, Masahide
 CS Division of Molecular Pathology, Center for Neurological Diseases and
 Cancer, Nagoya University Graduate School of Medicine, 65 Tsurumai,
 Showa-ku, Nagoya 466-8550, Japan.
 AU Ohno, Kinji (correspondence)
 CS Division of Neurogenetics and Bioinformatics, Center for Neurological
 Diseases and Cancer, Nagoya University Graduate School of Medicine, 65
 Tsurumai, Showa-ku, Nagoya 466-8550, Japan. ohnok@med.nagoya-u.ac.jp
 PY 2007

L7 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Universal target sequences for siRNA gene
 silencing
 SO PCT Int. Appl., 89 pp.
 CODEN: PIXXD2
 IN Honigman, Alik; Panet, Amos; Levaot, Noam
 PY 2005
 2005
 2007
 2007

L7 ANSWER 5 OF 5 EMBASE COPYRIGHT (c) 2008 Elsevier B.V. All rights
 reserved on STN DUPLICATE 3

TI Telomere maintenance mechanisms as a target for drug development.
SO Oncogene, (27 Dec 2000) Vol. 19, No. 56, pp. 6632-6641.
Refs: 121
ISSN: 0950-9232 CODEN: ONCNES
AU Bearss, D.J.; Hurley, L.H.; Von Hoff, D.D. (correspondence)
CS Arizona Cancer Center, University of Arizona, 1515 N. Campbell Ave.,
Tucson, AZ 85724, United States.
PY 2000

=> s fusion# and sirna
L8 1141 FUSION# AND SIRNA

=> s l8 and reporter and assay
L9 32 L8 AND REPORTER AND ASSAY

=> d l9 and (rapid or screening or throughput)
'AND' IS NOT A VALID FORMAT
'(RAPID' IS NOT A VALID FORMAT
'OR' IS NOT A VALID FORMAT
'SCREENING' IS NOT A VALID FORMAT
'OR' IS NOT A VALID FORMAT
'THROUGHPUT)' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid
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or the STNGUIDE file for information on formats available in
individual files.
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REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d ti 1
'D' IS NOT A VALID FORMAT
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in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):ti 1
'1' IS NOT A VALID FORMAT
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in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
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L9 ANSWER 1 OF 32 EMBASE COPYRIGHT (c) 2008 Elsevier B.V. All rights
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TI A specific role of AGS3 in the surface expression of plasma membrane
proteins.

=> s l9 and (rapid or screening or throughput)
L10 6 L9 AND (RAPID OR SCREENING OR THROUGHPUT)

=> dup rem l10
PROCESSING COMPLETED FOR L10
L11 6 DUP REM L10 (0 DUPLICATES REMOVED)

=> d ti so au py 1-6

L11 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
TI Methods for in vitro screening of compounds inhibiting
production of infectious HIV-1 virions and compounds identified by said
method
SO PCT Int. Appl., 110pp.

CODEN: PIXXD2

IN Berlioz-Torrent, Clarisse; Benarous, Richard; Lopez-Verges, Sandra
 PY 2007
 2008
 2007

L11 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Polynucleotide and polypeptide sequences for gene NPC1L1, NPC1L1 protein inhibitors, and diagnostic and therapeutic uses thereof
 SO PCT Int. Appl., 239 pp.
 CODEN: PIXXD2
 IN Ioannou, Yiannis; Davies, Joanna P.
 PY 2006
 2006
 2007

L11 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Flow cytometry for assessment of the efficacy of siRNA
 SO Cytometry, Part A (2006), 69A(10), 1054-1061
 CODEN: CPAYAV; ISSN: 1552-4922
 AU Ho, Hung-Yao; Cheng, Mei-Ling; Wang, Yi-Hui; Chiu, Daniel Tsun-Yee
 PY 2006

L11 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
 TI Reporter gene methods for high-throughput selection of effective RNAi for gene silencing
 SO PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 IN Mittal, Vivek; Kumar, Rajeev
 PY 2004
 2005
 2005

L11 ANSWER 5 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
 TI Direct repression of FLIP expression by c-myc is a major determinant of TRAIL sensitivity.
 SO Molecular and Cellular Biology, (October 2004) Vol. 24, No. 19, pp. 8541-8555. print.
 ISSN: 0270-7306 (ISSN print).
 AU Ricci, M. Stacey; Jin, Zhaoyu; Dews, Michael; Yu, Duonan; Thomas-Tikhonenko, Andrei; Dicker, David T.; El-Deiry, Wafik S. [Reprint Author]
 PY 2004

L11 ANSWER 6 OF 6 MEDLINE on STN
 TI Using DNA microarray to identify Sp1 as a transcriptional regulatory element of insulin-like growth factor 1 in cardiac muscle cells.
 SO Circulation research, (2003 Dec 12) Vol. 93, No. 12, pp. 1202-9. Electronic Publication: 2003-10-30.
 Journal code: 0047103. E-ISSN: 1524-4571.
 AU Li Tao; Chen Yung-Hsiang; Liu Tsun-Jui; Jia Jia; Hampson Steven; Shan Yue-Xin; Kibler Dennis; Wang Ping H
 PY 2003

=> d ibib l11 4

L11 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:1127480 CAPLUS
 DOCUMENT NUMBER: 142:69881
 TITLE: Reporter gene methods for high-throughput selection of effective RNAi for

INVENTOR(S): gene silencing
 PATENT ASSIGNEE(S): Mittal, Vivek; Kumar, Rajeev
 SOURCE: Cold Spring Harbor Laboratory, USA
 PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004111190	A2	20041223	WO 2004-US16844	20040526
WO 2004111190	A3	20050414		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 20050042641	A1	20050224	US 2004-854777	20040525
PRIORITY APPLN. INFO.:			US 2003-473809P	P 20030527

=> d his

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FILE 'EMBASE, BIOSIS, CAPLUS, MEDLINE' ENTERED AT 11:15:30 ON 15 APR 2008

L1 1 S UNIVERSAL(A)SIRNA
 L2 0 S LEY HERBERT/AU
 E LEY HERBERT/AU
 L3 24 S E4-8
 L4 0 S L3 AND (SIRNA OR RNAI)
 E LIWEN HUANG/AU
 L5 98 S UNIVERSAL(A)TARGET
 L6 8 S L5 AND (ANTISENSE OR RIBOZYME OR SIRNA OR DSRNA)
 L7 5 DUP REM L6 (3 DUPLICATES REMOVED)
 L8 1141 S FUSION# AND SIRNA
 L9 32 S L8 AND REPORTER AND ASSAY
 L10 6 S L9 AND (RAPID OR SCREENING OR THROUGHPUT)
 L11 6 DUP REM L10 (0 DUPLICATES REMOVED)

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